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Rhode Island
Energy Efficiency Evaluation Activities

NEEP Webinar

May 15, 2014

State of Rhode Island
RI Energy Efficiency & Resource Management Council

Evaluation Framework

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- Evaluation results applied only prospectively in future program plan
  - RI Technical Reference Manual indicates application of results in program plan
- Leverage MA studies in which National Grid is involved, also NEEP and regional studies
- Studies proposed in Energy Efficiency Program Plan, filed November 1
  - Reviewed by RI EE Collaborative and RI Energy Efficiency and Resource Management Council (EERMC), and its consultants
  - Plan approved by RI Public Utilities Commission
  - Completed studies posted on EERMC website
    - http://www.rieermc.ri.gov/evaluationstudies/

Recently Completed Studies - RI

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- Impact Evaluation of 2011 Rhode Island Prescriptive Lighting Installations and 2011 Rhode Island Custom Lighting Installations
  - on-site engineering and end-use metering of a statistically drawn random sample of participants, yielding a realization rate for each group.
- Energy Efficiency Messaging, Residential Energy Efficiency Program Communications Focus Groups
  - The study analyzed customers' perceptions of energy efficiency programs and messaging materials via focus group testing.
- Direct Full-Time Equivalent (FTE) Employment Supported by Energy Efficiency Programs in Rhode Island in 2012
  - The study surveyed the Company, vendors, distributors, partners and market players to quantify the number of jobs and associated business impacts due to energy efficiency programs. The analysis also provided a framework for updating findings annually.
- Income Eligible Impact Evaluation, Phase I
  - Used billing analysis to assess impacts from this program

Ongoing Evaluation Activities

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- RI-only studies
  - Single Family Low Income Impact Evaluation, Phase II, to look at all fuels savings
  - Statewide behavior program impact evaluation
  - Commercial and Industrial – Upstream lighting impact evaluation
  - C&I gas and electric free ridership and spillover evaluation
  - 2013 Jobs impact analysis – FTEs supported and number of companies involved through National Grid's programs
  - System Reliability Procurement evaluation of Year 2 recruitment and marketing activities, first assessment of measure impacts
- Joint studies
  - Commercial and Industrial Custom Refrigeration, Motor, and Other End Uses
  - NEEP Refrigeration load shape evaluation
  - Upstream Lighting impact evaluation
  - Commercial and Industrial Prescriptive Non-Lighting

Wish List

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- Research why kW realization rates lag kWh realization rates, and how to improve them

Questions ?

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